

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

July 5, 2017
(877) 848-7030; Passcode 5921807

CRITICAL PATH ITEMS		
NERT	NEVADA	AECOM
	1. Working with BWPC on weir dewatering treatment NPDES permit; application submitted on 12/28/16.	

GWETS STATUS			
GW-11	FBR	IX	LIFT STATIONS / WELL FIELDS
<ul style="list-style-type: none"> Hybrid (EQ) Volume 36.0 MG W/W – ~ 0 MG 	<ul style="list-style-type: none"> Condition normal. 	<ul style="list-style-type: none"> Condition normal (~250 GPM) 	<ul style="list-style-type: none"> Lift Stations normal. Implementation of LS#2 Corrective Action Plan complete; Awaiting soil disposal.

NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>Community Involvement</u>	CIP, Revision 2 approved by NDEP on 5/10; Community Mailing Documents distributed; Update of Trust website completed; Community Meeting held 6/21.	Mail revised FAQ.	Ongoing
RI Phase 2 Access Agreements	Identification of access requirements in progress. Received approved permits from COH for owned property and ROW work; Agreement w/ BEC in place.	Communication with the remaining entities.	Ongoing
Phase 2 RI Investigation	Installed 40 wells, drilled 48 soil borings, collected approx. 600 soil samples, and developed and sampled 17 wells to date.	Continued Phase 2 RI field investigation and data evaluation. Distribution of door tags for Pittman neighborhood in progress.	Wk 31/46 50%
Soils Investigation (Unit 4/5)	Second Mobilization Tech Memo submitted to NDEP on 5/8/17. Initial comments received from NDEP 6/5/17. Preparing for 3 rd mobilization end of June	Discuss path forward with NDEP.	-
<u>Treatability Study : Flushing</u>	Received NDEP comments on treatability study results report (5/2/17) and DVSR (5/9/17). Submitted DVSR on 6/20/17 and Revised Report on 7/3/17.	-	-
<u>Treatability Study : SWF GWB</u>	Initial wells installed. UNLV studies in progress. Borehole dilution and slug testing completed. UIC permit application submitted 5/9/17. Monitoring and injection well installation complete.	Baseline sampling to begin week of 7/10. First round of injections to be scheduled in late August.	Wk 34/90 33%
Treatability Study : IWF In-Situ (Cr)	Well installation complete in AP Area and CRB; Baseline sampling complete. UNLV studies in progress. Initial injection event completed. Two supplemental wells installed and second injection event completed.	Performance groundwater monitoring (next event 7/19) and data evaluation.	Wk 37/55 60%

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TASK *	NERT REMEDIAL INVESTIGATION STATUS		
	CURRENT STATUS	UP-NEXT	SCHEDULE
Treatability Study : VER	Send Stakeholder email re: VER Roundtable; Complete preparation of VER Work Plan.	Submittal of work plan and implementation budget pending receipt of comments.	TBD
Pilot Study : Las Vegas Wash Bioremediation	Stakeholder Roundtable meeting held on 6/27.	Complete preparation of work plan.	TBD
GW Modelling – Phase 5	Phase 5 model submitted to NDEP on 11/16/16; RTC submitted to NDEP on 5/3/17 (no Stakeholder comments received).	Submittal of Phase 6 model revisions to incorporate Phase 5 comments and new RI data.	-
Operations Area Baseline HRA	Reviewing Neptune Memorandum on COPC identification and exposure areas.	Submittal of revised COPC/DU Report by 11/15/17.	Wk 14/33 35%
Phase 3 Remedial Investigation Work Plan	Agency concurrence received re: revised RAOs and RI execution strategy. Phase 3 RI Work Plan submitted to NDEP on 5/7. Coordination with BMI and other parties re: access to investigation locations in progress; NDEP review of Phase 3 RI Work Plan in progress.	Preparation of response to forthcoming NDEP (and Stakeholder) comment and submittal of budget request for implementation. Trust to schedule meeting with Metropolitan to discuss OU strategy.	-
Phase 2 Remedial Investigation Modifications	<p>RI Modification Requests Approved</p> <p><u>Modification Request 1</u> Additional onsite wells west of GW-11 to evaluate presence of VOCs in groundwater.</p> <p><u>Modification Request 2</u> Extending depth of 3 soil borings proposed between AWF and SWF to 150 ft bgs to determine vertical extent of perchlorate in UMCf.</p> <p><u>Modification Request 3</u> Surface water Sampling in the Las Vegas Wash</p> <p><u>Modification Request 4</u> Deeper soil sampling in the Leach Plant Area</p> <p><u>Modification Request 5</u> Identifying well locations and well screen depths for select locations on and near Parcel F</p>	RI Modification Requests Pending Submittal	Ongoing

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NDEP DOWNGRADIENT INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>AECOM TASK 131</u> <u>EA for LVW/BOR Area</u>	AECOM submitted the Draft Environmental Assessment (EA) for review. Biological assessment (BA) in preparation. BOR biologist expects only informal consultation required for biological (desert tortoise) impacts. The EA was submitted to BOR on 5/31.	Submittal of Draft EA to BOR in late May.	Wk 51/105 75%
AECOM TASK 151 SW Investigation	Draft technical memorandum is under preparation.	Submit Preliminary Draft Tech Memo by 6/9.	Wk 50/48 80%
AECOM TASK 160 Geophysical Pilot Test Plan	Draft technical memorandum is under preparation.	Submit Preliminary Draft Tech Memo by 6/23.	Wk 80/72 85%
AECOM TASK 170 GW Investigation	Incorporated Stakeholder (MWD) comments and issued Final Groundwater Work Plan on 5/19/17. NDEP requested that AECOM add Appendix showing response to comments.	Resubmittal of final Work Plan (incl. Stakeholder's RTCs in Appendix). Perform monthly well gauging of transducer-equipped wells. Groundwater sampling implementation pending BOR approval of EA.	Wk 41/67 25%

GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
ETI Work Authorizations / Amendments	<u>In Negotiation</u> <ul style="list-style-type: none"> IWF data capture updates GW sampling amendments AP-5 Treatment amendment 	-	Ongoing
<u>AP-5 Solids Removal</u>	Construction of balance of plant complete; Remainder of pond material to be removed during pond closure activities. Final system commissioning complete and accepted by ETI.	Addressing 2 punch list items.	Wk 22/13 100%
AP-5 Water Treatment	Solids washing on-going. Finalization of amendments and work authorizations with ETI and Tetra Tech underway; Target start of treatment : July.	-	TBD
<u>AP-5 Closure</u>	Trust negotiating contract with Arcadis. Site meeting set for 7/11.	Preparation of Arcadis expert report.	TBD
GWETS/NET	Repair of site in progress; Trust determining Evus replacement strategy.	Rollout v 1.2 (historical data) and v1.3 (IX and GW-11 instrumentation).	Ongoing
<u>Pipeline Flow Evaluation</u>	NDEP approval on project received 8/18/16. Initial implementation costs inclusive to 2017 budget. Pipeline samples collected; GWETS Effluent Line Conceptual Evaluation Report submitted on 6/30.	-	TBD
Pipeline Easements	Title search complete. Approx. 75% of pipeline appears to have significant easement issues.	NERT to determine strategy and budget for continuation of the project.	70%

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GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Water Management Plan	NERT determining multi-year strategy for GW-11 replacement, AP-5 treatment and continued implementation of the COP.	NERT to present strategy to NDEP/EPA.	TBD
<u>AP Area Soil Flushing Treatability Study</u>	Project implementation in progress. More than 15,600 lbs. of ClO ₄ removed from environment. Flushing at Plot 1; Subplots 1, 2, 4, 5, 7, and 8. Plot 2 flushing begins by end of week.	Plot 2 for down flushing.	Wk 37/54 45%

OTHER ENVIRONMENTAL PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
TIMET EE/CA	NERT to work with NDEP on finalization of order.	NERT to determine timeline and coordinate with NDEP.	TBD
Parcels Risk Assessment	<ul style="list-style-type: none"> Received NDEP comments on DVSR/EDD for Parcel C soil data on 6/5/17. NDEP provided comments on 2006 DVSR/EDD and requested revision of DVSR on 3/13/17. Evaluating schedule change (acceleration) for Parcel F and H HRA reports (pending schedule for Parcel F area borings during RI and pending NDEP response on Parcel H rad data evaluation). 	<ul style="list-style-type: none"> Submittal of Parcel C, D, and G HRA Report by 7/31/17. Submittal of revised DVSR/EDD for Parcel C soil data by 8/1/17. Submittal of revision to Parcel H 2006 Upgradient Dataset DVSR by 9/29/17. Submittal of Parcel F HRA Report by 10/20/17. 	Wk 14/18 45% (for Parcel C, D, and G submittal)

NDEP ORDER : SNWA WEIRS GROUNDWATER TREATMENT			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Land Access : BOR	BOR entry permit received 5/10. BOR will provide a corrected exhibit.		Complete
Land Access : CC and COH	Week of 5/1 – Trust submitted RTC letters to COH Community and Services Dept., COH Building and Fire Safety Dept., COH Dept. of Public Works; and COH Parks and Recreation Dept.	Receipt of additional COH comments; Submittal of additional permit applications, as required.	Ongoing
<u>Treatment System Design</u>	100% design package submitted 6/9.	-	Ongoing
<u>Treatment System Construction</u>	Construction contractor bid awarded to Schmueser. Erosion controls installed. Grading permit received from Clark County.	Awaiting City of Henderson grading permit. Confirm revised system readiness date with SNWA.	Ongoing
Minor Source Air Permit Application	Permit application submitted 5/17.	Receipt of draft air permit	Ongoing

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TASK *	TRUST ADMINISTRATION CURRENT STATUS	UP-NEXT	SCHEDULE
Budget Status	2017 Budget approved 4/7/17.		Ongoing
Stakeholder Relations	Preparation of minutes from prior events in progress.	Technical Roundtable call in late June to discuss Las Vegas Wash Bioremediation Pilot Study.	Ongoing
Tronox LTCA Projects	11 active projects; 1 project approval pending.	Invoice 105 to be submitted.	Ongoing
BWC / BEC Negotiations	<u>In Progress</u> <ul style="list-style-type: none"> LS#2 easement amendment Pipeline investigation access 	<u>To Be Discussed</u> <ul style="list-style-type: none"> Corrective easements for pipelines Phase 3 access 	Ongoing
Chlorine Line	Ongoing negotiation with all parties.	NERT to discuss with NDEP when appropriate.	Ongoing
Easement for Parcel E (+ Western Slice)	Henderson GW, LLC provided a draft easement for Parcel E and the powerline area.	NERT to response to proposed easement terms and present to NDEP.	Ongoing
Perchlorate Reimbursement	100% of fifth payment demand received on 5/5/17; \$3,784,450.96.		Ongoing
AIG Claims	Jan - Apr 2016 submitted 9/12/16. May - June 2016 submitted 12/5/16. Jul - Dec 2016 submitted 4/19/17.	Received full payment of ~\$135,000 on 5/30.	Ongoing
Tronox Escrow	NERT to resolve when appropriate.		TBD
Financial Reporting	April (monthly) and 1Q17 reports distributed.	Distribution of May report.	Ongoing
Tronox Lease Matters (Confidential)	-		

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